

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Tangjing Hill	Ocean or Sea:	the South China Sea
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		Yes				

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	07°12.2'N (summit)	111°26.0'E (summit)
	07°06.9'N (bottom)	111°25.8'E (bottom)
	07°06.0'N	111°24.1'E
	07°06.5'N	111°23.2'E
	07°11.5'N	111°20.7'E
	07°13.0'N	111°23.3'E
	07°17.3'N	111°27.4'E
	07°15.7'N	111°30.4'E
	07°12.2'N	111°30.2'E
	07°06.9'N	111°25.8'E

Feature Description:	Maximum Depth:	2000m	Steepness :	3°-8°
	Minimum Depth :	1496m	Shape :	Slightly elongated
	Total Relief :	504m	Dimension/Size :	20km × 10km

Associated Features:	Tangjing Hill lies in the southern South China Sea. This hill extends from southwest to northeast.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Tang Jing (14 th -15 th century, the year of birth and death is unknown) was a navigator in Ming Dynasty (1368-1644) of China. He conducted two voyages with Zheng He's fleet and passed by the South China Sea twice. The hill named after him is to commemorate his navigation activities.
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Discovery Facts:	Discovery Date:	2000
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	2000-2001
	Survey Ship:	R/V Haiyang Sihao
	Sounding Equipment:	Multi-beam sounding system (Seabeam2112)
	Type of Navigation:	DGPS

	Estimated Horizontal Accuracy (nm):	<=0.08 nm
	Survey Track Spacing:	4.2nm
	Supporting material can be submitted as Annex in analog or digital form.	

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Remarks:	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). No.1, Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
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Attachment

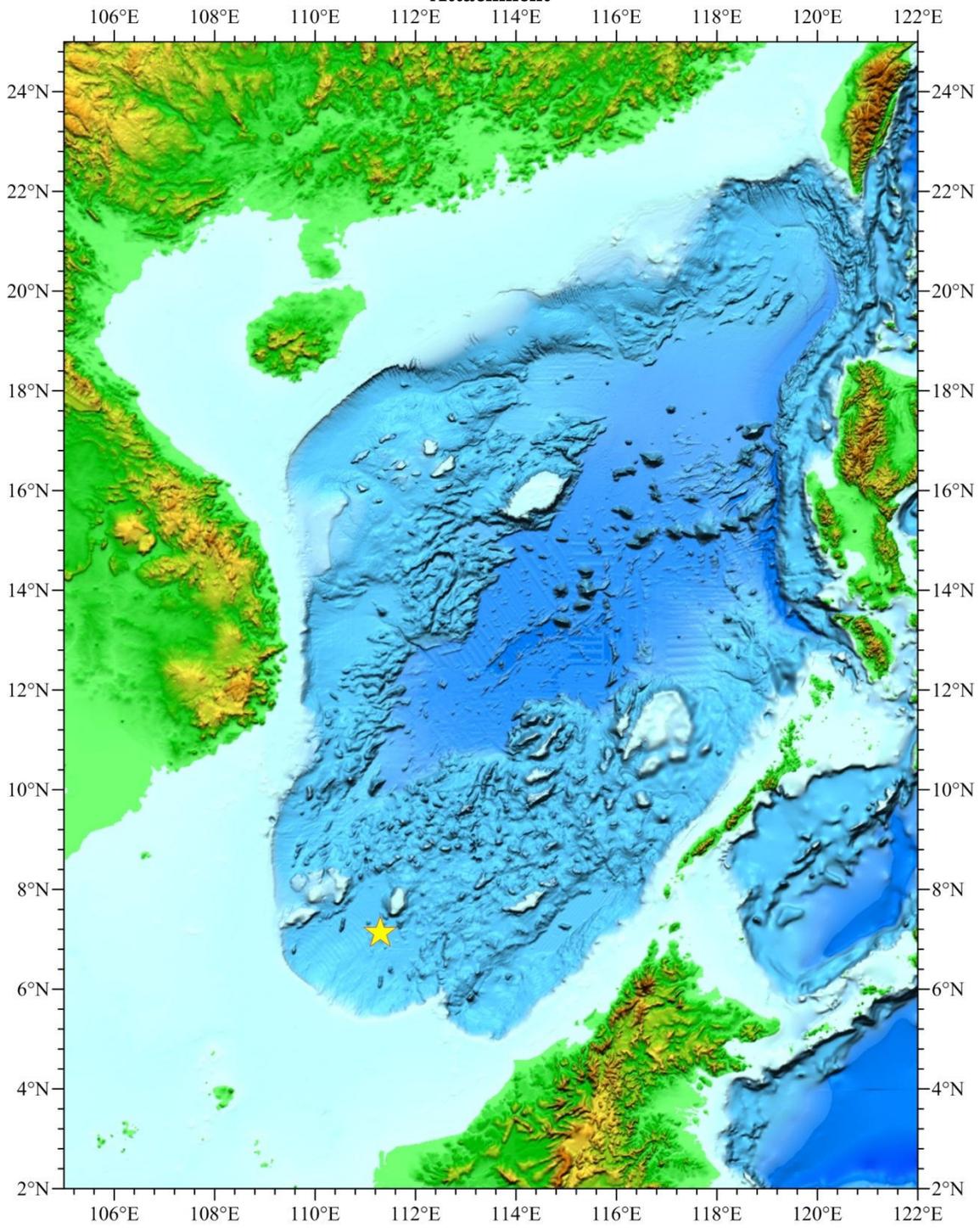


Fig.1 Index map showing the location of Tangjing Hill

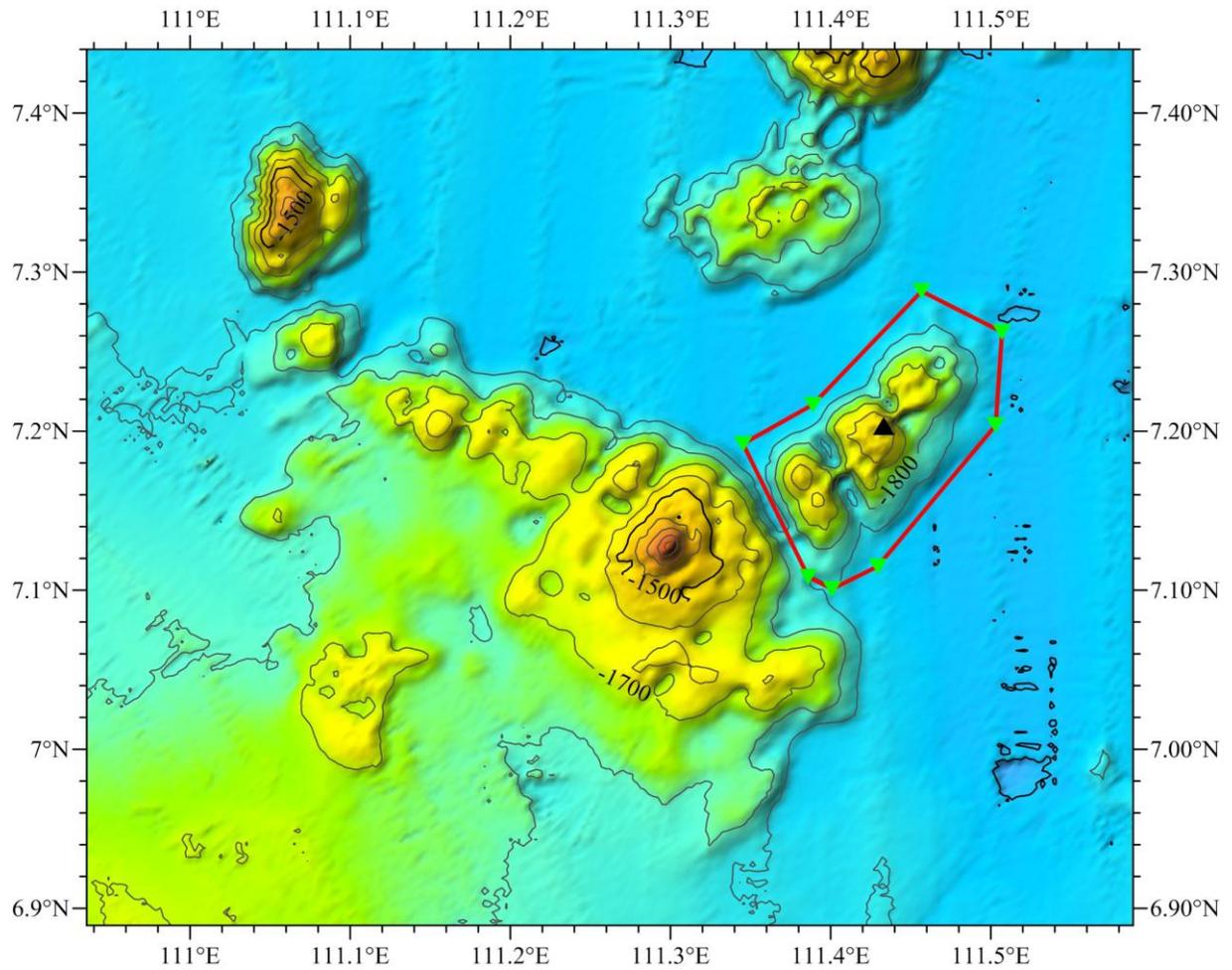


Fig.2 Bathymetric map of Tangjing Hill (Contours are in 100 m)

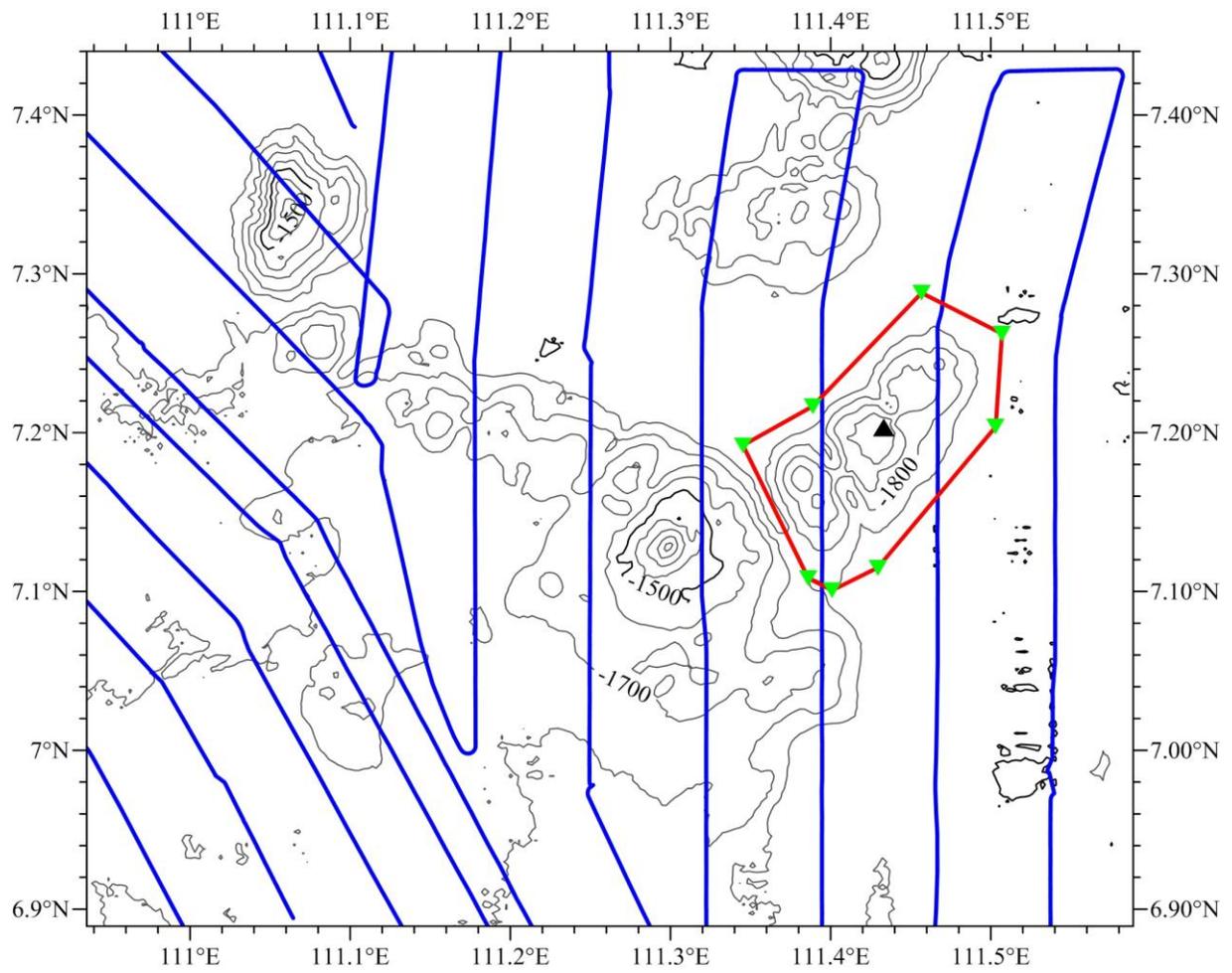


Fig.3 Bathymetric map of Tangjing Hill overlain with track lines
(Contours are in 100 m, blue lines for the track lines)

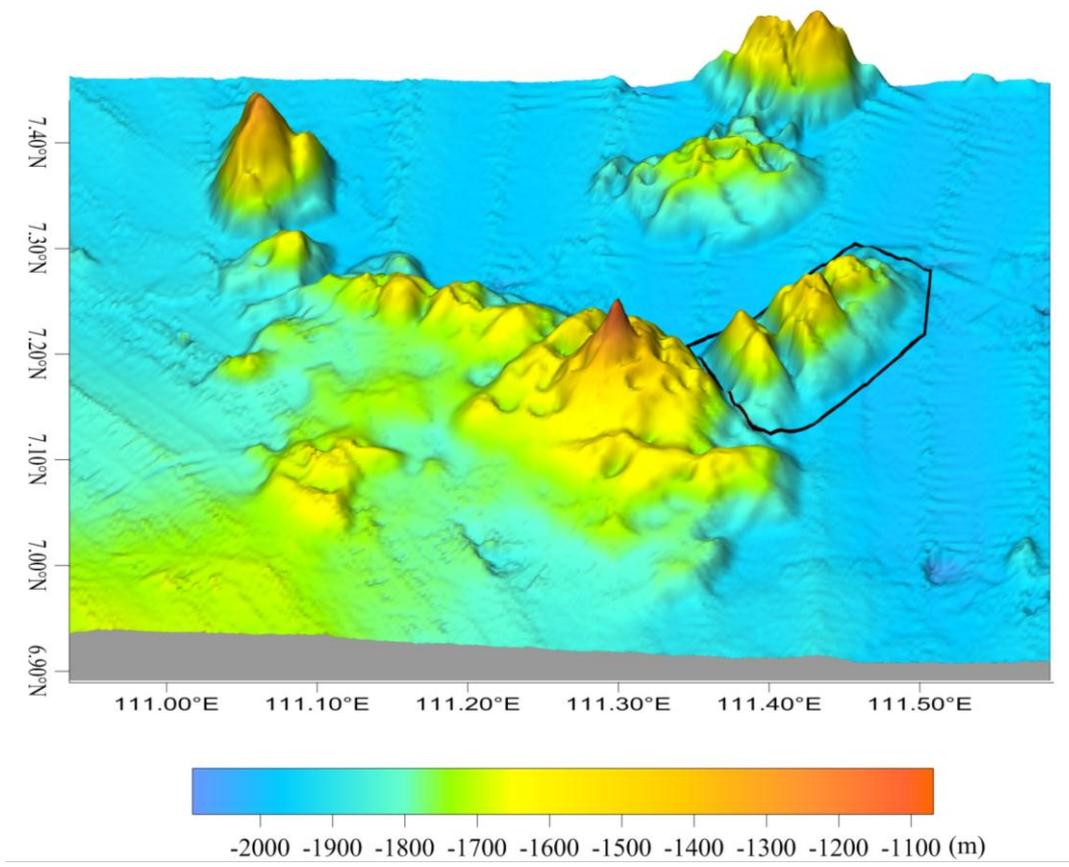


Fig.4 3-D bathymetric map of Tangjing Hill

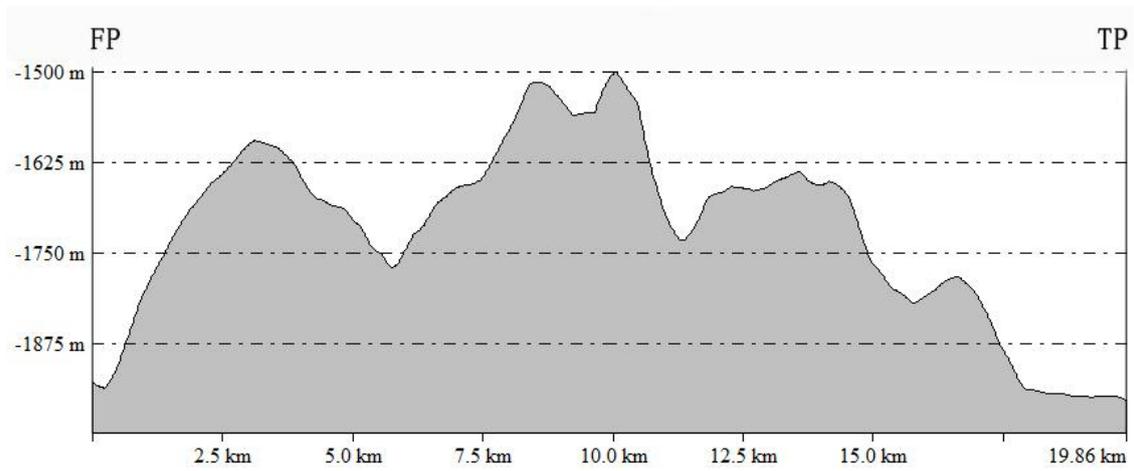
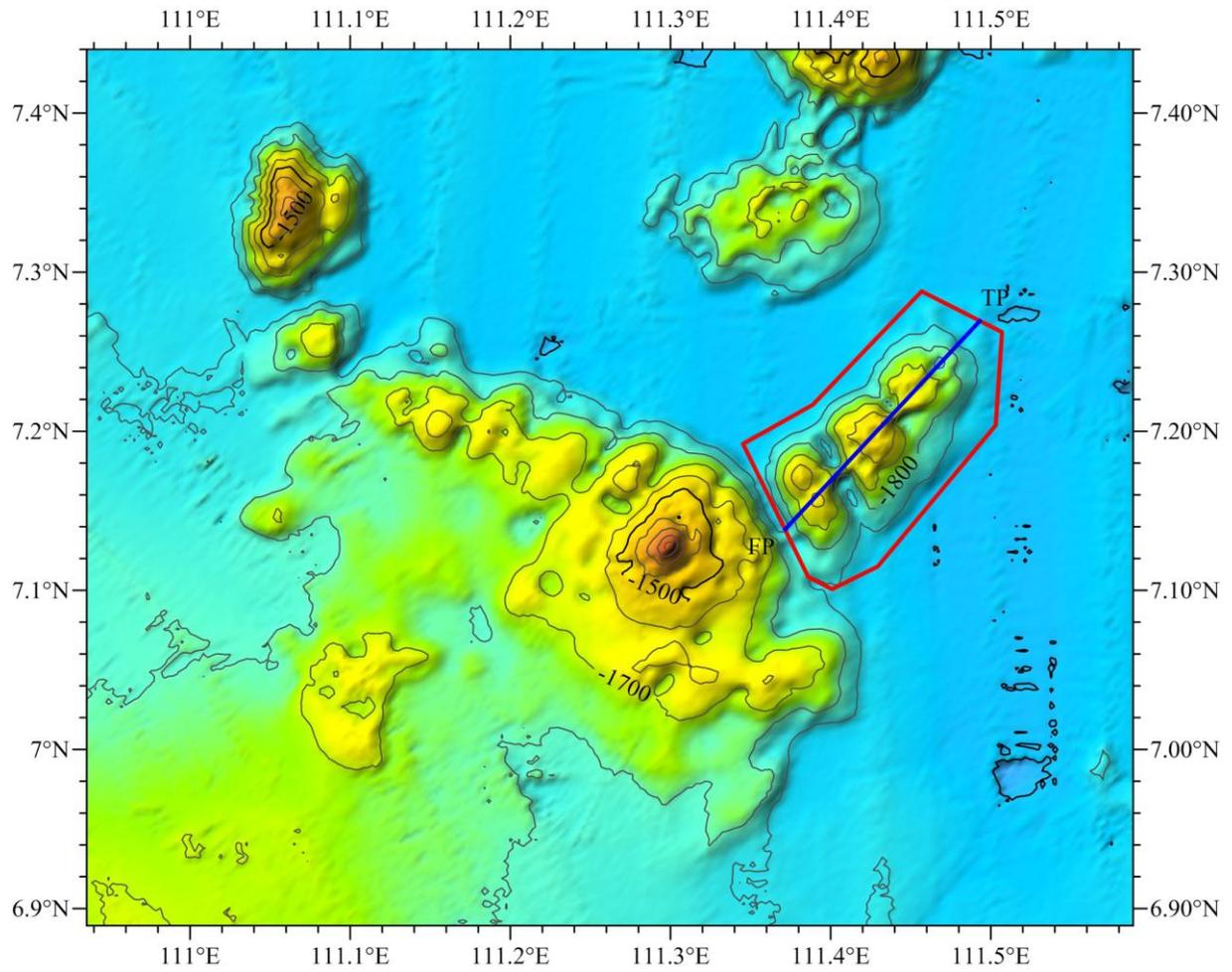


Fig.5 Profile map of Tangjing Hill